

Comparisons of Job Characteristics

Focus Occupation: [Registered Nurses \(29-1111\)](#)

Associated Occupation: [Physicians and Surgeons, All Other \(29-1069\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Registered Nurses (29-1111)

Associated Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Medicine and Dentistry	3.7	22.4	17.8	<< Extensive education and/or training may be required
Biology	3.7	17.0	13.3	<< Extensive education and/or training may be required
English Language	11.2	17.0	16.4	0 Current knowledge level may be sufficient
Psychology	6.4	13.2	19.5	>> Current knowledge level is likely more than sufficient
Therapy and Counseling	3.8	12.4	16.2	>> Current knowledge level is likely more than sufficient
Chemistry	4.8	10.7	9.8	0 Current knowledge level may be sufficient
Sociology and Anthropology	4.1	8.5	12.1	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Registered Nurses (29-1111)

Associated Occupation: Physicians and Surgeons, All Other (29-1069)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Reading Comprehension	10.7	17.1	13.6	<< Extensive development of skills in this area may be required
Critical Thinking	10.8	15.8	13.2	< A higher skill level may be required
Active Learning	8.7	14.8	12.2	< A higher skill level may be required
Social Perceptiveness	9.1	14.4	14.9	0 Current skill level may be sufficient

Judgment and Decision Making	9.4	14.2	12.5	<	A higher skill level may be required
Complex Problem Solving	9.1	14.1	10.8	<<	Extensive development of skills in this area may be required
Monitoring	9.9	13.9	13.6	0	Current skill level may be sufficient
Coordination	9.1	12.8	12.2	0	Current skill level may be sufficient
Instructing	7.8	12.8	10.5	<	A higher skill level may be required
Service Orientation	7.9	12.8	12.7	0	Current skill level may be sufficient
Science	4.5	12.3	9.4	<<	Extensive development of skills in this area may be required
Learning Strategies	7.2	11.6	10.4	<	A higher skill level may be required
Systems Evaluation	6.4	11.0	8.9	<	A higher skill level may be required
Systems Analysis	6.5	10.8	9.4	<	A higher skill level may be required
Management of Personnel Resources	6.9	10.6	8.7	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 96			
Focus Occupation: Registered Nurses (29-1111) Associated Occupation: Physicians and Surgeons, All Other (29-1069)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	18.4	17.3	0	Current ability level may be sufficient
Inductive Reasoning	10.2	18.2	15.3	<	Some improvement in abilities may be required
Oral Comprehension	12.5	17.3	15.6	<	Some improvement in abilities may be required
Oral Expression	12.4	17.2	14.7	<	Some improvement in abilities may be required
Written Comprehension	11.0	16.3	14.1	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	15.9	14.0	<	Some improvement in abilities may be required
Written Expression	9.8	14.6	12.4	<	Some improvement in abilities may be required
Speech Clarity	10.2	14.0	12.5	<	Some improvement in abilities may be required
Speech Recognition	9.9	13.6	13.5	0	Current ability level may be sufficient
Information Ordering	9.9	13.0	12.8	0	Current ability level may be sufficient
Category Flexibility	9.0	12.8	11.1	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	12.3	10.9	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 74

Focus Occupation: Registered Nurses (29-1111)

Associated Occupation: Physicians and Surgeons, All Other (29-1069)

Tools and Technologies	Exclusivity
Airway management products	30
Blood pressure units and related products	11
Business function specific software	1
Cardiac pacemakers and related products	43
Clinical and diagnostic analyzers and accessories and supplies	18
Computers	1
Content authoring and editing software	1
Data management and query software	1
Diagnostic assessment and exam products for general use	21
Duplicating machines	6
Electrocardiography EKG units and related products	20
Emergency medical services resuscitation products	15
Endoscopes and accessories and related products	37
Finance accounting and enterprise resource planning ERP software	2
General laboratory glassware and plasticware and supplies	13
Hearing testing products	31
Industry specific software	1
Information exchange software	1
Injection and aspiration needles and accessories	25
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial tubing and administration sets and related products	22
Intravenous infusion pumps and its analyzers and sensors and its accessories	31
Intubation supplies	21
Laboratory centrifuges and accessories	13
Laboratory heating and drying equipment	13
Laboratory incubating equipment	20
Lamps	19
Medical gloves and accessories	19
Medical staff clothing and related articles	17
Medical suction and vacuum products	33
Medical thermometers and accessories	31
Medical ultrasound and doppler and echo imaging products	19
Medication dispensing and measuring devices and supplies	56
Network applications software	1
Neurological exam products	30
Ophthalmic diagnostic exam products	27
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Personal communication devices	2
Pulmonary function testing and treatment products	24

Pulse oximeters	18
Rehabilitation exercise devices and equipment	24
Respiratory monitoring products	29
Resuscitation supplies	29
Scopes and specula and accessories for medical exam diagnostic use	23
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical clamps and forceps and surgical ligators and related instruments	29
Surgical cutting instruments and snares and related products	24
Surgical equipment and accessories and related products	23
Suture and related products	23
Suture and surgical tissue closure instruments and related products	33
Syringes and accessories	14
Temperature and heat measuring instruments	6
Urological supplies	40
Viewing and observing instruments and accessories	4
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.